

## Storm Data and Unusual Weather Phenomena - December 2008

| Location   | Date/Time          | Deaths & Injuries | Property & Crop Dmg | Event Type and Details          |
|--|--------------------|-------------------|---------------------|---------------------------------|
| <b>ARKANSAS, Southeast</b>   |                    |                   |                     |                                 |
| <b>(AR-Z074) ASHLEY, (AR-Z075) CHICOT</b>  |                    |                   |                     |                                 |
|  | 12/16/08 06:23 CST |                   | 0                   | Winter Weather                  |
|  | 12/16/08 08:35 CST |                   | 0                   |                                 |
| An area of light freezing rain developed in a shallow cold airmass across the delta region of the ARKLAMISS. No significant amounts of icing was noted with this system.   |                    |                   |                     |                                 |
| <b>LOUISIANA, Northeast</b>  |                    |                   |                     |                                 |
| <b>FRANKLIN COUNTY --- 1.2 E WINNSBORO [32.17, -91.71], 0.4 SSW WINNSBORO MUNI ARPT [32.15, -91.70]</b>  |                    |                   |                     |                                 |
|  | 12/09/08 14:09 CST |                   | 10K                 | Thunderstorm Wind (EG 55 kt)    |
|  | 12/09/08 14:09 CST |                   | 0                   | Source: Law Enforcement         |
| Several trees and some power lines blown down around Winnsboro.  |                    |                   |                     |                                 |
| <b>RICHLAND COUNTY --- 1.0 ENE DELHI [32.45, -91.48]</b>   |                    |                   |                     |                                 |
|  | 12/09/08 14:16 CST |                   | 4K                  | Thunderstorm Wind (EG 58 kt)    |
|  | 12/09/08 14:16 CST |                   | 0                   | Source: NWS Storm Survey        |
| One home sustained some shingle damage to the roof.  |                    |                   |                     |                                 |
| <b>FRANKLIN COUNTY --- 0.9 SE WINNSBORO [32.16, -91.72], 0.4 WNW BASKIN [32.27, -91.76], 7.6 NW LAMAR [32.39, -91.63], 4.6 NNE BAKERS [32.39, -91.50], 1.9 S CROWVILLE [32.22, -91.58]</b>   |                    |                   |                     |                                 |
|  | 12/09/08 16:15 CST |                   | 10K                 | Flash Flood (due to Heavy Rain) |
|  | 12/09/08 17:45 CST |                   | 0                   | Source: Law Enforcement         |
| Locally heavy rains, between 2 and 4 inches, flooded a couple roads across the northern half of the parish.  |                    |                   |                     |                                 |
| <b>RICHLAND COUNTY --- 0.9 NE MANGHAM [32.31, -91.77], 3.7 E DEHLCO [32.37, -91.71], 4.6 S HOLLY RIDGE [32.40, -91.63], 1.4 SSE DELHI MUNI ARPT [32.40, -91.49], 2.2 NNE DELHI [32.48, -91.49], 1.3 WNW BEE BAYOU [32.48, -91.72]</b>  |                    |                   |                     |                                 |
|  | 12/09/08 16:30 CST |                   | 50K                 | Flash Flood (due to Heavy Rain) |
|  | 12/09/08 17:45 CST |                   | 0                   | Source: County Official         |
| Heavy rainfall, between 2 and 4 inches, fell across eastern portions of Richland Parish. This rainfall flooded several roads across that portion of the parish.  |                    |                   |                     |                                 |
| <b>FRANKLIN COUNTY --- 2.9 NW FT NECESSITY [32.06, -91.78], 1.0 E CHASE [32.10, -91.68]</b>  |                    |                   |                     |                                 |
|  | 12/09/08 16:59 CST |                   | 0                   | Hail (0.75 in)                  |
|  | 12/09/08 17:06 CST |                   | 0                   | Source: Newspaper               |
| A round of severe thunderstorms containing tornadoes, large hail and damaging winds, occurred Tuesday December 9th into Tuesday night across much of the Lower Mississippi River Valley. These storms developed along and ahead of a strong surface cold front and strong upper level disturbance. A surface low developed to our west and tracked eastward increasing the winds and drawing northward deep moisture and instability. The cold front steadily pushed east and clashed with the unstable and highly sheared environment and produced numerous severe thunderstorms as a squall line developed and tracked eastward across the region. |                    |                   |                     |                                 |
| This event produced 16 tornadoes along with many reports of large hail, and wind damage. The majority of the severe weather occurred across central and southern Mississippi. Of the 16 tornadoes, 2 were rated EF2, 8 rated EF1, and 6 rated EF0.   |                    |                   |                     |                                 |
| Historically, these 16 tornadoes rank 2nd all time for the number of tornadoes in the month of December. The record is 19 which occurred during the December of 1988. Additionally, this December 9th event has pushed the yearly total of tornadoes in Mississippi to 109. This will set a new record for the number of tornadoes in a year for the state of Mississippi. The previous record of 99 was set in 2005.  |                    |                   |                     |                                 |
| <b>(LA-Z007) MOREHOUSE, (LA-Z008) WEST CARROLL, (LA-Z009) EAST CARROLL</b>   |                    |                   |                     |                                 |
|  | 12/16/08 06:23 CST |                   | 0                   | Winter Weather                  |
|  | 12/16/08 08:12 CST |                   | 0                   |                                 |

## Storm Data and Unusual Weather Phenomena - December 2008

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|-----------|-------------------|---------------------|------------------------|
|----------|-----------|-------------------|---------------------|------------------------|

An area of light freezing rain developed in a shallow cold airmass across the delta region of the ARKLAMISS. No significant amounts of icing was noted with this system.

### MISSISSIPPI, Central

#### BOLIVAR COUNTY --- 0.9 SE DUNCAN [34.04, -90.74], 3.0 E DUNCAN [34.05, -90.70]

|                    |   |                     |
|--------------------|---|---------------------|
| 12/09/08 13:00 CST | 0 | Hail (0.75 in)      |
| 12/09/08 13:04 CST | 0 | Source: Post Office |

#### ISSAQUENA COUNTY --- 2.0 SE NEW FITLER [32.68, -90.99]

|                    |   |                         |
|--------------------|---|-------------------------|
| 12/09/08 15:07 CST | 0 | Hail (0.75 in)          |
| 12/09/08 15:07 CST | 0 | Source: Law Enforcement |

#### SHARKEY COUNTY --- 1.4 S ONWARD [32.70, -90.93], 0.9 ESE ONWARD [32.72, -90.92]

|                    |   |                                      |
|--------------------|---|--------------------------------------|
| 12/09/08 15:23 CST | 0 | Tornado (EF0, L: 1.43 mi , W: 50 yd) |
| 12/09/08 15:24 CST | 0 | Source: Law Enforcement              |

A brief tornado touch down was witnessed in an open field just to the southeast of Onward. No damage occurred.

#### SHARKEY COUNTY --- 1.5 SSE RED ROCK [32.80, -90.76], 2.1 ESE RED ROCK [32.81, -90.74]

|                    |       |                              |
|--------------------|-------|------------------------------|
| 12/09/08 15:50 CST | 0.15M | Thunderstorm Wind (EG 78 kt) |
| 12/09/08 15:52 CST | 0     | Source: NWS Storm Survey     |

A piping structure at a grain bin complex was heavily damaged and a few trees were blown down.

#### YAZOO COUNTY --- 1.1 W CAMPBELLSVILLE [32.82, -90.72], 0.7 NNE CAMPBELLSVILLE [32.83, -90.69]

|                    |       |                              |
|--------------------|-------|------------------------------|
| 12/09/08 15:52 CST | 0.35M | Thunderstorm Wind (EG 78 kt) |
| 12/09/08 15:55 CST | 0     | Source: NWS Storm Survey     |

Numerous trees were blown down around town and damaged several structures. Several grain bins were damaged and one shop had the doors blown off.

#### YAZOO COUNTY --- 1.9 WNW CAMPBELLSVILLE [32.83, -90.73], 1.4 SSW LOCH LOMOND [32.85, -90.71]

|                    |   |                         |
|--------------------|---|-------------------------|
| 12/09/08 15:52 CST | 0 | Hail (0.75 in)          |
| 12/09/08 15:54 CST | 0 | Source: Law Enforcement |

#### SHARKEY COUNTY --- 0.6 NNW ONWARD [32.73, -90.94], 3.5 NE ONWARD [32.76, -90.89]

|                    |   |                         |
|--------------------|---|-------------------------|
| 12/09/08 16:10 CST | 0 | Hail (0.75 in)          |
| 12/09/08 16:14 CST | 0 | Source: Law Enforcement |

#### HUMPHREYS COUNTY --- 0.7 S LOUISE [32.96, -90.58], 0.8 ESE LOUISE [32.96, -90.57]

|                    |   |                                      |
|--------------------|---|--------------------------------------|
| 12/09/08 16:15 CST | 0 | Tornado (EF0, L: 0.84 mi , W: 50 yd) |
| 12/09/08 16:16 CST | 0 | Source: Storm Chaser                 |

Tornado witnessed by a storm chaser in an open field. No damage occurred.

#### YAZOO COUNTY --- 6.0 N SATARTIA [32.76, -90.55], 4.0 NE YAZOO CITY [32.89, -90.37]

|                    |     |                      |
|--------------------|-----|----------------------|
| 12/09/08 16:38 CST | 25K | Hail (1.75 in)       |
| 12/09/08 17:00 CST | 0   | Source: Storm Chaser |

Golf ball sized hail fell along a swath from just north of Satartia, across Yazoo City, and ended just to the northeast of Yazoo City. This large hail was generated from a supercell thunderstorm which also produced the tornado which moved through the southern and eastern portions of Yazoo City.

#### YAZOO COUNTY --- 1.4 ENE VALLEY [32.76, -90.46], 4.1 ENE FREE RUN [32.96, -90.20]

|                    |       |  |
|--------------------|-------|--|
| 12/09/08 16:50 CST | 0.70M | Tornado (EF1, L: 20.51 mi , W: 450 yd) |
| 12/09/08 17:17 CST | 0     | Source: NWS Storm Survey               |

## Storm Data and Unusual Weather Phenomena - December 2008

| Location  | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|-----------|-------------------|---------------------|------------------------|
| Tornado initially touched down and tracked northeast through the area south of Yazoo City. At this point, the tornado was narrow and weak, with only relatively minor tree damage observed. As the tornado crossed Highway 16 on the east side of Yazoo City, it became wider and stronger. Several homes and businesses sustained roof damage along Highway 16 and Old Benton Road, and numerous trees were snapped and uprooted. The tornado maintained this strength for a number of miles as it moved northeast, snapping, splintering and uprooting a number of hardwood and softwood trees as well as downing powerlines. The tornado weakened somewhat as it crossed into Holmes County, before reintensifying again at Ebenezer Coxburg Road. Here is where the tornado reached its maximum intensity, with several homes and a church suffering significant roof damage along with swaths of trees being splintered or snapped. Winds here were estimated to be 115 mph, at the low end of EF2. The tornado then weakened again before dissipating just to the northwest of the Brozville community. The tornado had a total path length of 29 miles across Yazoo and Holmes Counties. |           |                   |                     |                        |

---

### HOLMES COUNTY --- 1.5 NW ZEIGLerville [32.96, -90.20], 1.4 NE BROZVILLE [33.05, -90.11]

|                    |       |                                       |
|--------------------|-------|---------------------------------------|
| 12/09/08 17:17 CST | 0.70M | Tornado (EF2, L: 8.07 mi , W: 450 yd) |
| 12/09/08 17:31 CST | 0     | Source: NWS Storm Survey              |

Tornado initially touched down and tracked northeast through the area south of Yazoo City. At this point, the tornado was narrow and weak, with only relatively minor tree damage observed. As the tornado crossed Highway 16 on the east side of Yazoo City, it became wider and stronger. Several homes and businesses sustained roof damage along Highway 16 and Old Benton Road, and numerous trees were snapped and uprooted. The tornado maintained this strength for a number of miles as it moved northeast, snapping, splintering and uprooting a number of hardwood and softwood trees as well as downing powerlines. The tornado weakened somewhat as it crossed into Holmes County, before reintensifying again at Ebenezer Coxburg Road. Here is where the tornado reached its maximum intensity, with several homes and a church suffering significant roof damage along with swaths of trees being splintered or snapped. Winds here were estimated to be 115 mph, at the low end of EF2. The tornado then weakened again before dissipating just to the northwest of the Brozville community. The tornado had a total path length of 29 miles across Yazoo and Holmes Counties.

---

### CARROLL COUNTY --- 2.7 SE MALMAISON [33.50, -89.99]

|                    |   |                              |
|--------------------|---|------------------------------|
| 12/09/08 17:42 CST | 0 | Thunderstorm Wind (EG 50 kt) |
| 12/09/08 17:42 CST | 0 | Source: Public               |

A couple of trees were blown down.

---

### WARREN COUNTY --- 3.0 SSE EAGLE BEND [32.48, -90.98]

|                    |   |                              |
|--------------------|---|------------------------------|
| 12/09/08 17:58 CST | 0 | Thunderstorm Wind (EG 50 kt) |
| 12/09/08 17:58 CST | 0 | Source: Public               |

A few trees were blown down along Highway 465.

---

### YAZOO COUNTY --- 3.5 ESE FORDYKE [32.89, -90.07]

|                    |   |                              |
|--------------------|---|------------------------------|
| 12/09/08 18:20 CST | 0 | Thunderstorm Wind (EG 50 kt) |
| 12/09/08 18:20 CST | 0 | Source: NWS Storm Survey     |

A few trees were blown down near the Yazoo/Holmes county line.

---

### HOLMES COUNTY --- 3.6 SW RICHLAND [32.93, -90.02], 2.3 SW RICHLAND [32.95, -90.01]

|                    |   |                              |
|--------------------|---|------------------------------|
| 12/09/08 18:22 CST | 0 | Thunderstorm Wind (EG 50 kt) |
| 12/09/08 18:24 CST | 0 | Source: NWS Storm Survey     |

Sporadic trees and large limbs blown down near the Yazoo/Holmes county border.

---

### HOLMES COUNTY --- 2.0 SE FRANKLIN [33.01, -89.98], 1.3 S WEST [33.18, -89.78]

|                    |   |                         |
|--------------------|---|-------------------------|
| 12/09/08 18:28 CST | 0 | Hail (0.75 in)          |
| 12/09/08 18:53 CST | 0 | Source: Law Enforcement |

A swath of penny hail fell from just northwest of Goodman, across Durant to just south of West. This occurred from a supercell thunderstorm which moved across eastern Holmes County. The storm and penny sized hail continued into northwest Attala County.

---

### SHARKEY COUNTY --- 1.5 WSW ROLLING FORK [32.90, -90.89], 0.4 SSE ROLLING FORK [32.89, -90.87], 1.3 NNE ROLLING FORK [32.92, -90.86], 1.9 NNW ROLLING FORK [32.93, -90.88]

|                    |     |                                 |
|--------------------|-----|---------------------------------|
| 12/09/08 18:30 CST | 20K | Flash Flood (due to Heavy Rain) |
| 12/09/08 19:45 CST | 0   | Source: Emergency Manager       |

A quick 2 inches of heavy rainfall flooded a few homes in Rolling Fork. The flood damage was minor in nature.

---

### YAZOO COUNTY --- 0.8 SE EDEN [32.97, -90.32]

|                    |   |                              |
|--------------------|---|------------------------------|
| 12/09/08 18:33 CST | 0 | Thunderstorm Wind (EG 55 kt) |
| 12/09/08 18:33 CST | 0 | Source: Public               |

## Storm Data and Unusual Weather Phenomena - December 2008

| Location  | Date/Time          | Deaths & Injuries | Property & Crop Dmg | Event Type and Details               |
|---|--------------------|-------------------|---------------------|--------------------------------------|
| Several trees were blown down near Eden.  |                    |                   |                     |                                      |
| <b>HOLMES COUNTY --- WEST [33.20, -89.78]</b>   |                    |                   |                     |                                      |
|   | 12/09/08 18:35 CST |                   | 0                   | Thunderstorm Wind (EG 52 kt)         |
|   | 12/09/08 18:35 CST |                   | 0                   | Source: Public                       |
| <b>YAZOO COUNTY --- 1.9 SE TINSLEY [32.71, -90.45]</b>  |                    |                   |                     |                                      |
|   | 12/09/08 18:36 CST |                   | 0                   | Thunderstorm Wind (EG 55 kt)         |
|   | 12/09/08 18:36 CST |                   | 0                   | Source: Public                       |
| A few trees were blown down along Tinsley Road.   |                    |                   |                     |                                      |
| <b>MONTGOMERY COUNTY --- 1.5 SSW HENDRIX SIDING [33.45, -89.64], 0.8 S HENDRIX SIDING [33.46, -89.63]</b>   |                    |                   |                     |                                      |
|   | 12/09/08 18:37 CST |                   | 0.11M               | Tornado (EF1, L: 0.84 mi , W: 75 yd) |
|   | 12/09/08 18:39 CST |                   | 0                   | Source: NWS Storm Survey             |
| This tornado touched down and crossed Hendrix Road where a mobile home was heavily damaged. Half the roof and structure was destroyed, all the windows were blown out, and the windows on a nearby car were blown out. Another nearby mobile home had the skirting blown out. The tornado tracked northeast, taking the tops out of some trees along Lewis Creek Road. The tornado dissipated shortly after this point. Maximum winds were around 90 mph. |                    |                   |                     |                                      |
| <b>HOLMES COUNTY --- 0.6 E DURANT [33.08, -89.86]</b>   |                    |                   |                     |                                      |
|   | 12/09/08 18:40 CST |                   | 70K                 | Thunderstorm Wind (EG 70 kt)         |
|   | 12/09/08 18:40 CST |                   | 0                   | Source: NWS Storm Survey             |
| Eighty mph wind gusts caused shingle damage to 3 homes in Durant. One home sustained significant shingle damage which led to leaks in the roof.   |                    |                   |                     |                                      |
| <b>ATTALA COUNTY --- 2.6 NNW POSSUMNECK [33.19, -89.77], 7.1 N HESTERVILLE [33.27, -89.67]</b>  |                    |                   |                     |                                      |
|   | 12/09/08 18:53 CST |                   | 0                   | Hail (0.75 in)                       |
|   | 12/09/08 19:02 CST |                   | 0                   | Source: Law Enforcement              |
| A swath of penny hail fell across the northwest portion of Attala County.   |                    |                   |                     |                                      |
| <b>JEFFERSON DAVIS COUNTY --- 1.7 NW BASSFIELD [31.52, -89.77]</b>  |                    |                   |                     |                                      |
|   | 12/09/08 18:58 CST |                   | 0                   | Thunderstorm Wind (EG 50 kt)         |
|   | 12/09/08 18:58 CST |                   | 0                   | Source: Emergency Manager            |
| Two trees were blown down along Highway 42 just northwest of Bassfield.   |                    |                   |                     |                                      |
| <b>WARREN COUNTY --- 2.3 WNW YOKENA [32.18, -90.99], 1.7 SE MAGNOLIA HELIPORT [32.32, -90.88]</b>   |                    |                   |                     |                                      |
|   | 12/09/08 19:04 CST |                   | 0                   | Hail (1.00 in)                       |
|   | 12/09/08 19:20 CST |                   | 0                   | Source: Trained Spotter              |
| A swath of penny to quarter sized hail fell from near Yokena to Vicksburg.  |                    |                   |                     |                                      |
| <b>WARREN COUNTY --- 1.2 WNW SIMRALL [32.21, -90.97]</b>  |                    |                   |                     |                                      |
|   | 12/09/08 19:06 CST |                   | 50K                 | Thunderstorm Wind (EG 74 kt)         |
|   | 12/09/08 19:06 CST |                   | 0                   | Source: Trained Spotter              |
| Several trees were blown down and some vehicles were damaged with broken windows and large limbs on them.   |                    |                   |                     |                                      |
| <b>HOLMES COUNTY --- 3.0 NW GOODMAN [33.00, -89.94], 2.1 ENE DURANT [33.09, -89.84]</b>   |                    |                   |                     |                                      |
|   | 12/09/08 19:18 CST |                   | 0                   | Hail (1.00 in)                       |
|   | 12/09/08 19:28 CST |                   | 0                   | Source: Law Enforcement              |
| A swath of penny to quarter sized hail fell across the eastern portions of Holmes County.   |                    |                   |                     |                                      |
| <b>ADAMS COUNTY --- 1.5 S NATCHEZ [31.55, -91.40], 2.1 SE NATCHEZ [31.55, -91.37]</b>   |                    |                   |                     |                                      |
|   | 12/09/08 19:21 CST |                   | 0.25M               | Thunderstorm Wind (EG 78 kt)         |
|   | 12/09/08 19:25 CST |                   | 0                   | Source: NWS Storm Survey             |

Numerous trees were blown down across the southern portions of Natchez around the path of the tornado.

## Storm Data and Unusual Weather Phenomena - December 2008

| Location  | Date/Time          | Deaths & Injuries | Property & Crop Dmg | Event Type and Details                |
|---|--------------------|-------------------|---------------------|---------------------------------------|
| <b>ADAMS COUNTY --- 2.1 S NATCHEZ [31.54, -91.40], 2.1 WSW JOHNSVILLE [31.53, -91.35]</b>   |                    |                   |                     |                                       |
|   | 12/09/08 19:21 CST |                   | 2.50M               | Tornado (EF1, L: 3.07 mi , W: 800 yd) |
|   | 12/09/08 19:25 CST |                   | 0                   | Source: NWS Storm Survey              |
| The tornado track started just south of the city limits of Natchez, tracked northeast across the southeast side of the city, and then moved into unincorporated areas east of the city. Numerous hardwood and softwood trees were snapped and uprooted along the path. Around 50 homes were damaged, mostly from trees falling on them. Six commercial buildings were damaged, mainly roof damage. One power pole was snapped and power lines were down in several locations along the path. Maximum winds were around 110 mph.   |                    |                   |                     |                                       |
| <b>ATTALA COUNTY --- 2.2 SSE BOYETTE [33.00, -89.82], 0.8 SW SALLIS [33.01, -89.78]</b>   |                    |                   |                     |                                       |
|   | 12/09/08 19:27 CST |                   | 0.30M               | Tornado (EF1, L: 2.30 mi , W: 150 yd) |
|   | 12/09/08 19:31 CST |                   | 0                   | Source: NWS Storm Survey              |
| This tornado touched down and tracked along County Road 4106. Several homes suffered minor to moderate roof damage, and a number of trees were snapped and uprooted along the path. A couple of mobile homes had roof and siding damage and had the skirting blown out. Powerlines were downed at several locations along the path. Maximum winds were around 100 mph.  |                    |                   |                     |                                       |
| <b>WARREN COUNTY --- 2.7 SSE NEWMANS [32.31, -90.75], 2.0 S YOUNGTON [32.42, -90.62]</b>  |                    |                   |                     |                                       |
|   | 12/09/08 19:32 CST | 0                 |                     | Hail (0.75 in)                        |
|   | 12/09/08 19:47 CST | 0                 |                     | Source: Trained Spotter               |
| <b>ATTALA COUNTY --- 2.0 S SALLIS [32.99, -89.77]</b>   |                    |                   |                     |                                       |
|   | 12/09/08 19:33 CST |                   | 60K                 | Thunderstorm Wind (EG 65 kt)          |
|   | 12/09/08 19:33 CST |                   | 0                   | Source: Emergency Manager             |
| Two farm buildings were damaged and a couple trees were blown down along Highway 429.   |                    |                   |                     |                                       |
| <b>SMITH COUNTY --- 2.9 ESE MIZE [31.85, -89.51]</b>  |                    |                   |                     |                                       |
|   | 12/09/08 19:36 CST | 0                 |                     | Hail (0.75 in)                        |
|   | 12/09/08 19:36 CST | 0                 |                     | Source: Public                        |
| <b>SMITH COUNTY --- 3.8 ESE MIZE [31.84, -89.49]</b>  |                    |                   |                     |                                       |
|   | 12/09/08 19:37 CST | 0                 |                     | Thunderstorm Wind (EG 50 kt)          |
|   | 12/09/08 19:37 CST | 0                 |                     | Source: Law Enforcement               |
| A couple trees were down off Highway 28 between Mize and Taylorsville.  |                    |                   |                     |                                       |
| <b>JEFFERSON COUNTY --- 2.9 NNE STAMPLEY [31.69, -91.13], 1.1 NNE RED LICK [31.79, -90.99]</b>  |                    |                   |                     |                                       |
|   | 12/09/08 19:44 CST | 0                 |                     | Thunderstorm Wind (EG 55 kt)          |
|   | 12/09/08 19:55 CST | 0                 |                     | Source: Law Enforcement               |
| Scattered trees were blown down across the central portion of Jefferson County.   |                    |                   |                     |                                       |
| <b>JEFFERSON DAVIS COUNTY --- 2.5 W TERRELL [31.58, -89.77], 1.8 N TERRELL [31.61, -89.74]</b>  |                    |                   |                     |                                       |
|   | 12/09/08 19:44 CST | 0                 |                     | Hail (0.75 in)                        |
|   | 12/09/08 19:49 CST | 0                 |                     | Source: Public                        |
| <b>FRANKLIN COUNTY --- 2.7 WNW HAMBURG [31.60, -91.11], 2.8 NE HAMBURG [31.61, -91.04]</b>  |                    |                   |                     |                                       |
|   | 12/09/08 19:46 CST |                   | 0.30M               | Tornado (EF1, L: 4.17 mi , W: 500 yd) |
|   | 12/09/08 19:52 CST |                   | 0.20M               | Source: NWS Storm Survey              |
| The tornado started out in a forested area west of Hamburg. The timber damage in this area became quite intense, with swaths of pine trees snapped and leveled. As the tornado crossed Highway 33, it moved through a small community of homes, causing roof damage to a frame home and several mobile homes. Additionally, several outbuildings were destroyed, and windows were blown out of vehicles. The rest of the tornado's path was across rural forested areas of southern Jefferson County, and damage was mainly limited to tree damage. However, one home did suffer some minor roof damage and some farm outbuildings sustained some roof damage. Maximum winds were around 105 mph. Total path length across northwest Franklin and southern Jefferson Counties was 11 miles. |                    |                   |                     |                                       |
| <b>HINDS COUNTY --- 5.1 NNE MT BEULAH [32.42, -90.60], 0.5 SE COXS FERRY [32.51, -90.47]</b>  |                    |                   |                     |                                       |

## Storm Data and Unusual Weather Phenomena - December 2008

| Location  | Date/Time          | Deaths & Injuries | Property & Crop Dmg | Event Type and Details                |
|---|--------------------|-------------------|---------------------|---------------------------------------|
|   | 12/09/08 19:47 CST |                   | 0                   | Hail (0.75 in)                        |
|   | 12/09/08 19:57 CST |                   | 0                   | Source: Public                        |
| Dime to penny sized hail fell in western and far northwestern Hinds County.   |                    |                   |                     |                                       |
| <b>COVINGTON COUNTY --- 6.5 W WILLIAMSBURG [31.61, -89.73], 1.4 W ARBO [31.73, -89.65]</b>  |                    |                   |                     |                                       |
|   | 12/09/08 19:50 CST |                   | 0                   | Hail (0.75 in)                        |
|   | 12/09/08 20:01 CST |                   | 0                   | Source: Public                        |
| A swath of dime to penny sized hail fell across western Covington County.   |                    |                   |                     |                                       |
| <b>CLAIBORNE COUNTY --- 0.8 W RUSSUM [31.87, -91.01], 2.0 NE HERMANVILLE [31.97, -90.83]</b>  |                    |                   |                     |                                       |
|   | 12/09/08 19:52 CST |                   | 0                   | Hail (0.88 in)                        |
|   | 12/09/08 20:09 CST |                   | 0                   | Source: Public                        |
| A swath of dime to nickel sized hail fell across a good portion of central Claiborne County.  |                    |                   |                     |                                       |
| <b>CLAIBORNE COUNTY --- 1.5 NNE ALCORN [31.92, -91.09], 2.6 ENE ALCORN [31.91, -91.06]</b>  |                    |                   |                     |                                       |
|   | 12/09/08 19:52 CST |                   | 2K                  | Thunderstorm Wind (EG 68 kt)          |
|   | 12/09/08 19:52 CST |                   | 0                   | Source: Department of Highways        |
| Numerous trees were blown down across Russum-Westside Road.   |                    |                   |                     |                                       |
| <b>JEFFERSON COUNTY --- 0.9 SE HICKS [31.61, -91.04], 1.7 NNE ELMO [31.64, -90.94]</b>  |                    |                   |                     |                                       |
|   | 12/09/08 19:52 CST |                   | 50K                 | Tornado (EF1, L: 6.42 mi , W: 500 yd) |
|   | 12/09/08 19:59 CST |                   | 0.30M               | Source: NWS Storm Survey              |
| The tornado started out in a forested area west of Hamburg. The timber damage in this area became quite intense, with swaths of pine trees snapped and leveled. As the tornado crossed Highway 33, it moved through a small community of homes, causing roof damage to a frame home and several mobile homes. Additionally, several outbuildings were destroyed, and windows were blown out of vehicles. The rest of the tornado's path was across rural forested areas of southern Jefferson County, and damage was mainly limited to tree damage. However, one home did suffer some minor roof damage and some farm outbuildings sustained some roof damage. Maximum winds were around 105 mph. Total path length across northwest Franklin and southern Jefferson Counties was 11 miles. |                    |                   |                     |                                       |
| <b>CLAIBORNE COUNTY --- 2.3 ESE PATTISON [31.86, -90.89]</b>  |                    |                   |                     |                                       |
|   | 12/09/08 20:00 CST |                   | 2K                  | Thunderstorm Wind (EG 65 kt)          |
|   | 12/09/08 20:00 CST |                   | 0                   | Source: Department of Highways        |
| Several trees were blown down across Forest Grove Road.   |                    |                   |                     |                                       |
| <b>WEBSTER COUNTY --- 1.0 SW CLARKSON [33.62, -89.16], 2.2 NE DANCY [33.69, -89.04]</b>   |                    |                   |                     |                                       |
|   | 12/09/08 20:02 CST |                   | 0                   | Hail (0.75 in)                        |
|   | 12/09/08 20:11 CST |                   | 0                   | Source: Public                        |
| A swath of dime to penny sized hail fell across eastern Webster County.   |                    |                   |                     |                                       |
| <b>CHOCTAW COUNTY --- 4.0 N FRENCH CAMP [33.36, -89.40], 2.8 NNW SHERWOOD [33.52, -89.14]</b>   |                    |                   |                     |                                       |
|   | 12/09/08 20:06 CST |                   | 0                   | Hail (0.75 in)                        |
|   | 12/09/08 20:24 CST |                   | 0                   | Source: Public                        |
| A swath of dime to penny sized hail fell across central Choctaw County.   |                    |                   |                     |                                       |
| <b>CLAY COUNTY --- 3.5 SW MONTPELIER [33.68, -88.99], 3.9 N BIGSPRINGS [33.76, -88.88]</b>  |                    |                   |                     |                                       |
|   | 12/09/08 20:12 CST |                   | 0                   | Hail (0.75 in)                        |
|   | 12/09/08 20:29 CST |                   | 0                   | Source: Public                        |
| A swath of dime to penny sized hail fell across western Clay County.  |                    |                   |                     |                                       |
| <b>COPIAH COUNTY --- 12.0 W HAZLEHURST [31.87, -90.60], 7.0 WNW HAZLEHURST [31.91, -90.51]</b>  |                    |                   |                     |                                       |
|   | 12/09/08 20:22 CST |                   | 0                   | Hail (0.88 in)                        |
|   | 12/09/08 20:30 CST |                   | 0                   | Source: Public                        |

## Storm Data and Unusual Weather Phenomena - December 2008

| Location  | Date/Time   | Deaths & Injuries | Property & Crop Dmg | Event Type and Details                |
|---|---|-------------------|---------------------|---------------------------------------|
| <b>HINDS COUNTY --- 0.7 N CLINTON [32.34, -90.33]</b>   | 12/09/08 20:26 CST  |                   | 0                   | Thunderstorm Wind (EG 50 kt)          |
|   | 12/09/08 20:26 CST  |                   | 0                   | Source: Emergency Manager             |
|   | Two trees were blown down.  |                   |                     |                                       |
| <b>SMITH COUNTY --- 0.8 NNW CENTER RIDGE [31.94, -89.48]</b>  | 12/09/08 20:28 CST  |                   | 30K                 | Thunderstorm Wind (EG 55 kt)          |
|   | 12/09/08 20:28 CST  |                   | 0                   | Source: County Official               |
|   | Two barns sustained minor damage as a supercell storm moved across the area.  |                   |                     |                                       |
| <b>COPIAH COUNTY --- 4.2 E BOWERTON [31.76, -90.51]</b>   | 12/09/08 20:30 CST  |                   | 0                   | Thunderstorm Wind (EG 50 kt)          |
|   | 12/09/08 20:30 CST  |                   | 0                   | Source: Emergency Manager             |
|   | A few trees were blown down along Highway 28 and Mercy Seat Road.   |                   |                     |                                       |
| <b>COPIAH COUNTY --- 2.5 WNW GALLMAN [31.95, -90.44], 1.8 NNW GALLMAN [31.95, -90.41]</b>   | 12/09/08 20:34 CST  |                   | 20K                 | Tornado (EF1, L: 1.63 mi , W: 75 yd)  |
|   | 12/09/08 20:36 CST  |                   | 0                   | Source: NWS Storm Survey              |
|   | The tornado began around 2.2 miles northwest of Gallman near Lake Copiah along Sumrall Road. The main damage from this tornado was numerous large trees snapped and uprooted along the path. Maximum winds were around 86 mph.  |                   |                     |                                       |
| <b>COPIAH COUNTY --- 1.7 SW CRYSTAL SPGS [31.96, -90.39], 0.8 SE CRYSTAL SPGS [31.97, -90.36]</b>   | 12/09/08 20:39 CST  |                   | 12K                 | Tornado (EF0, L: 1.90 mi , W: 75 yd)  |
|   | 12/09/08 20:41 CST  |                   | 0                   | Source: NWS Storm Survey              |
|   | The tornado touched down again along Dees Road just southwest of Crystal Springs. The tornado downed and damaged several trees along the path. A large tree was uprooted and fell on top of a residence along South Pat Harrison Road. The tornado was also responsible for tearing off the metal roof to a covered walkway at Crystal Springs Middle School. The tornado dissipated shortly after and no other damage was found. Maximum winds were around 82 mph. |                   |                     |                                       |
| <b>CARROLL COUNTY --- 0.8 SSW VAIDEN [33.32, -89.76], 1.2 ESE VAIDEN [33.32, -89.73], 1.4 NE VAIDEN [33.34, -89.73], 0.9 N VAIDEN [33.34, -89.75]</b> | 12/09/08 20:45 CST  |                   | 0.25M               | Flash Flood (due to Heavy Rain)       |
|   | 12/09/08 21:45 CST  |                   | 0                   | Source: Broadcast Media               |
|   | A quick 2 to 3 inches of rain caused flooding around Vaiden. City Hall, a restaurant and a few businesses were flooded.   |                   |                     |                                       |
| <b>COPIAH COUNTY --- 1.9 WSW GATESVILLE [31.99, -90.30], 0.7 NNE GATESVILLE [32.01, -90.27]</b>   | 12/09/08 20:45 CST  |                   | 2K                  | Thunderstorm Wind (EG 60 kt)          |
|   | 12/09/08 20:47 CST  |                   | 0                   | Source: Amateur Radio                 |
|   | Several trees were blown down.  |                   |                     |                                       |
| <b>RANKIN COUNTY --- 5.0 SW FLORENCE [32.10, -90.19], 4.0 E FLORENCE [32.15, -90.06]</b>  | 12/09/08 20:55 CST  |                   | 0                   | Hail (0.75 in)                        |
|   | 12/09/08 21:08 CST  |                   | 0                   | Source: Public                        |
|   | Penny sized hail fell across portions of southwest Rankin County.   |                   |                     |                                       |
| <b>OKTIBBEHA COUNTY --- 1.8 SW ADATON [33.47, -88.96]</b>   | 12/09/08 21:00 CST  |                   | 0                   | Thunderstorm Wind (EG 50 kt)          |
|   | 12/09/08 21:00 CST  |                   | 0                   | Source: Emergency Manager             |
|   | A couple trees were blown down along Brown Road.  |                   |                     |                                       |
| <b>RANKIN COUNTY --- 0.3 N STAR [32.10, -90.05], 1.2 NNE STAR [32.12, -90.04]</b>   | 12/09/08 21:05 CST  |                   | 0.80M               | Tornado (EF2, L: 0.97 mi , W: 300 yd) |
|   | 12/09/08 21:07 CST  |                   | 0                   | Source: NWS Storm Survey              |
|   |   |                   |                     |                                       |

## Storm Data and Unusual Weather Phenomena - December 2008

| Location   | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|-----------|-------------------|---------------------|------------------------|
| This tornado touched down just northwest of Star along Highway 49 and tracked along Muse Road for a mile. The tornado caused extensive damage to the Star baseball field. It knocked down the light fixtures off the poles. Metal fences were blown down and the dugout structure was destroyed. Damage to a couple of cars in the area also occurred due to fallen trees. The tornado damaged a residence with an 8 foot hole to the roof and completely destroyed a well constructed metal outbuilding that housed a small personal airplane. This is where the tornado was at peak intensity with winds estimated to be around 112 mph and a rating of EF2. Most of the other damage along the path was uprooted and snapped trees. The top to a small well house was also toppled. |           |                   |                     |                        |

---

### RANKIN COUNTY --- 1.6 SE THOMASVILLE [32.16, -90.00], 1.6 N ROOK HILL [32.20, -89.93]

|                    |       |                                       |
|--------------------|-------|---------------------------------------|
| 12/09/08 21:09 CST | 0.10M | Tornado (EF1, L: 5.28 mi , W: 500 yd) |
| 12/09/08 21:17 CST | 0     | Source: NWS Storm Survey              |

The tornado touched down again, in the Thomasville Community along Garrett Road. It caused extensive tree damage along Garrett Road, Shell Oil Road, Highway 18 and Cannon Drive. The tornado also crossed the southeast portion of the Robinhood Community with snapped and uprooted trees as well as downed power lines. Maximum winds were around 94 mph.

---

### RANKIN COUNTY --- 2.7 W SHILOH [32.24, -89.88], 2.4 NNW SHILOH [32.26, -89.85]

|                    |       |                                       |
|--------------------|-------|---------------------------------------|
| 12/09/08 21:21 CST | 0.10M | Tornado (EF1, L: 2.38 mi , W: 200 yd) |
| 12/09/08 21:25 CST | 0     | Source: NWS Storm Survey              |

The tornado finally touched down about 7 miles southwest of Pelahatchie, causing tree damage with snapped trees and tree limbs being the primary damage. A couple of trees were uprooted and the metal roof from an abandoned building was torn off and strewn across the neighboring field. This small location was where the tornado likely reached its peak intensity and rated EF1 with maximum winds around 86 mph.

---

### RANKIN COUNTY --- 2.4 NNW GULDE [32.33, -89.87]

|                    |   |                              |
|--------------------|---|------------------------------|
| 12/09/08 21:27 CST | 0 | Thunderstorm Wind (EG 50 kt) |
| 12/09/08 21:27 CST | 0 | Source: NWS Employee         |

Three trees were blown down across a road on a hunting lease.

---

### LEAKE COUNTY --- 1.1 E GILL [32.68, -89.51]

|                    |   |                              |
|--------------------|---|------------------------------|
| 12/09/08 21:29 CST | 0 | Thunderstorm Wind (EG 50 kt) |
| 12/09/08 21:29 CST | 0 | Source: Emergency Manager    |

A few trees were blown down.

---

### NEWTON COUNTY --- 2.4 ENE PERDUE [32.53, -88.94]

|                    |   |                              |
|--------------------|---|------------------------------|
| 12/09/08 21:30 CST | 0 | Thunderstorm Wind (EG 53 kt) |
| 12/09/08 21:30 CST | 0 | Source: Emergency Manager    |

A few trees were blown down across Chunky-Duffee Road.

---

### KEMPER COUNTY --- 1.6 NE RIO [32.64, -88.85], 2.0 NNW DE KALB [32.80, -88.66]

|                    |   |                           |
|--------------------|---|---------------------------|
| 12/09/08 21:38 CST | 0 | Hail (1.00 in)            |
| 12/09/08 21:55 CST | 0 | Source: Emergency Manager |

A swath of penny to quarter sized hail fell as a supercell thunderstorm tracked northeast through central Kemper County.

---

### NESHOBA COUNTY --- 4.3 S ALICE [32.86, -89.28], 4.1 S ALICE [32.86, -89.27]

|                    |     |                              |
|--------------------|-----|------------------------------|
| 12/09/08 21:43 CST | 50K | Thunderstorm Wind (EG 67 kt) |
| 12/09/08 21:44 CST | 0   | Source: Emergency Manager    |

Straight line winds, around 77 mph, occurred along a swath about 1 mile long in northwest Neshoba County along county road 602 and 802. Several trees and large limbs were blown down. A mobile home had some of the roof blow off and the skirting blown out. A shed was damaged and a brick home had minor roof damage and a few windows blown out.

---

### SIMPSON COUNTY --- 2.0 SW BRAXTON [32.03, -90.00], 1.0 E BRAXTON [32.05, -89.96]

|                    |   |                |
|--------------------|---|----------------|
| 12/09/08 22:11 CST | 0 | Hail (0.75 in) |
| 12/09/08 22:16 CST | 0 | Source: Public |

---

### KEMPER COUNTY --- 1.4 ENE WAHALAK [32.91, -88.50]

|                    |    |                              |
|--------------------|----|------------------------------|
| 12/09/08 22:14 CST | 8K | Thunderstorm Wind (EG 55 kt) |
| 12/09/08 22:14 CST | 0  | Source: Utility Company      |

A few trees were blown down on power lines.



## Storm Data and Unusual Weather Phenomena - December 2008

| Location   | Date/Time          | Deaths & Injuries | Property & Crop Dmg | Event Type and Details               |
|--|--------------------|-------------------|---------------------|--------------------------------------|
| <b>LINCOLN COUNTY --- 2.9 NNE WOOLWORTH [31.67, -90.26]</b>  |                    |                   |                     |                                      |
|  | 12/09/08 22:16 CST |                   | 0                   | Hail (0.75 in)                       |
|  | 12/09/08 22:17 CST |                   | 0                   | Source: Public                       |
| <b>LAWRENCE COUNTY --- 2.0 N SONTAG [31.68, -90.20], 3.7 E OMA [31.75, -90.07]</b>   |                    |                   |                     |                                      |
|  | 12/09/08 22:18 CST |                   | 0                   | Hail (0.75 in)                       |
|  | 12/09/08 22:32 CST |                   | 0                   | Source: Public                       |
| <b>LAWRENCE COUNTY --- 0.6 E SONTAG [31.65, -90.19]</b>  |                    |                   |                     |                                      |
|  | 12/09/08 22:20 CST |                   | 0                   | Thunderstorm Wind (EG 57 kt)         |
|  | 12/09/08 22:20 CST |                   | 0                   | Source: Emergency Manager            |
| Several trees were blown down across the northwest portion of Lawrence County.   |                    |                   |                     |                                      |
| <b>LOWNDES COUNTY --- CALEDONIA [33.68, -88.33]</b>  |                    |                   |                     |                                      |
|  | 12/09/08 22:23 CST |                   | 0                   | Thunderstorm Wind (EG 50 kt)         |
|  | 12/09/08 22:23 CST |                   | 0                   | Source: Emergency Manager            |
| A few trees were blown down around Caledonia.  |                    |                   |                     |                                      |
| <b>SIMPSON COUNTY --- 2.7 SSW EVERETT [32.00, -89.85]</b>  |                    |                   |                     |                                      |
|  | 12/09/08 22:24 CST |                   | 0                   | Thunderstorm Wind (EG 50 kt)         |
|  | 12/09/08 22:24 CST |                   | 0                   | Source: Emergency Manager            |
| A couple trees were blown down on Highway 13.  |                    |                   |                     |                                      |
| <b>SCOTT COUNTY --- 2.1 S PULASKI [32.24, -89.60]</b>  |                    |                   |                     |                                      |
|  | 12/09/08 22:25 CST |                   | 0                   | Thunderstorm Wind (EG 50 kt)         |
|  | 12/09/08 22:25 CST |                   | 0                   | Source: Emergency Manager            |
| A couple trees were blown down.  |                    |                   |                     |                                      |
| <b>LAWRENCE COUNTY --- 1.1 NW NEW HEBRON [31.74, -89.99]</b>   |                    |                   |                     |                                      |
|  | 12/09/08 22:37 CST |                   | 0                   | Thunderstorm Wind (EG 55 kt)         |
|  | 12/09/08 22:37 CST |                   | 0                   | Source: Emergency Manager            |
| Several trees were blown down around New Hebron.   |                    |                   |                     |                                      |
| <b>SIMPSON COUNTY --- 3.7 NW JAYNESVILLE [31.80, -89.83]</b>   |                    |                   |                     |                                      |
|  | 12/09/08 22:50 CST |                   | 0                   | Thunderstorm Wind (EG 50 kt)         |
|  | 12/09/08 22:50 CST |                   | 0                   | Source: Law Enforcement              |
| A couple trees were blown down across a road.  |                    |                   |                     |                                      |
| <b>SCOTT COUNTY --- 6.0 NNW LAKE [32.43, -89.37]</b>   |                    |                   |                     |                                      |
|  | 12/09/08 23:05 CST |                   | 0                   | Hail (0.75 in)                       |
|  | 12/09/08 23:06 CST |                   | 0                   | Source: Law Enforcement              |
| <b>NEWTON COUNTY --- 2.1 WNW CONEHATTA [32.47, -89.31], 3.5 NE COOKSEY [32.54, -89.18]</b>                                       |                    |                   |                     |                                      |
|  | 12/09/08 23:09 CST |                   | 0                   | Hail (0.75 in)                       |
|  | 12/09/08 23:19 CST |                   | 0                   | Source: Law Enforcement              |
| <b>LAWRENCE COUNTY --- 1.1 W BOURNHAM [31.50, -89.99], 0.7 N BOURNHAM [31.51, -89.97]</b>  |                    |                   |                     |                                      |
|  | 12/09/08 23:12 CST |                   | 0                   | Tornado (EF0, L: 1.29 mi , W: 50 yd) |
|  | 12/09/08 23:13 CST |                   | 0                   | Source: NWS Storm Survey             |
| This brief tornado snapped and uprooted several trees along a short path in the Arm Community. Maximum winds were around 80 mph. |                    |                   |                     |                                      |
| <b>JEFFERSON DAVIS COUNTY --- 4.2 S PRENTISS ARPT [31.54, -89.90], 2.9 SE PRENTISS [31.57, -89.85]</b>                           |                    |                   |                     |                                      |

## Storm Data and Unusual Weather Phenomena - December 2008

| Location | Date/Time          | Deaths & Injuries | Property & Crop Dmg | Event Type and Details               |
|----------|--------------------|-------------------|---------------------|--------------------------------------|
|          | 12/09/08 23:24 CST |                   | 0.10M               | Tornado (EF1, L: 3.42 mi , W: 50 yd) |
|          | 12/09/08 23:28 CST |                   | 0                   | Source: NWS Storm Survey             |

Most of the damage was minor to moderate tree damage along the tornado path. However, an outbuilding was destroyed on Burrow Road, with the tin strewn dozens of yards downstream. Additionally, one house on Fate Ward Road suffered some roof damage. Maximum winds were around 95 mph.

---

### COVINGTON COUNTY --- 4.1 W WILLIAMSBURG [31.61, -89.69], 2.4 ENE HOT COFFEE [31.74, -89.41]

|                    |   |                         |
|--------------------|---|-------------------------|
| 12/09/08 23:58 CST | 0 | Hail (0.88 in)          |
| 12/10/08 00:32 CST | 0 | Source: Law Enforcement |

A swath of penny to nickel sized hail across all of central Covington County.

---

### SMITH COUNTY --- 3.0 S MIZE [31.83, -89.56], 3.0 SSE CENTER RIDGE [31.89, -89.46]

|                    |   |                         |
|--------------------|---|-------------------------|
| 12/10/08 00:02 CST | 0 | Hail (0.75 in)          |
| 12/10/08 00:15 CST | 0 | Source: Law Enforcement |

---

### SMITH COUNTY --- TAYLORSVILLE [31.83, -89.43]

|                    |    |                              |
|--------------------|----|------------------------------|
| 12/10/08 00:15 CST | 2K | Thunderstorm Wind (EG 55 kt) |
| 12/10/08 00:15 CST | 0  | Source: Law Enforcement      |

Several trees were blown down around town.

---

### JASPER COUNTY --- 2.1 S BAY SPGS [31.94, -89.30]

|                    |     |                              |
|--------------------|-----|------------------------------|
| 12/10/08 00:27 CST | 30K | Thunderstorm Wind (EG 70 kt) |
| 12/10/08 00:27 CST | 0   | Source: Emergency Manager    |

A few power poles and line down along county road 9.

---

### JASPER COUNTY --- 1.4 ENE BAY SPGS [31.98, -89.28], 1.2 SW BAY SPGS [31.96, -89.31]

|                    |   |                           |
|--------------------|---|---------------------------|
| 12/10/08 00:30 CST | 0 | Hail (1.00 in)            |
| 12/10/08 00:32 CST | 0 | Source: Emergency Manager |

---

### JONES COUNTY --- 1.5 WNW REDDOCH [31.73, -89.39], 4.2 N HOY [31.81, -89.14]

|                    |   |                         |
|--------------------|---|-------------------------|
| 12/10/08 00:31 CST | 0 | Hail (1.75 in)          |
| 12/10/08 01:04 CST | 0 | Source: Law Enforcement |

A swath of quarter to golf ball sized hail fell across northwest and north central Jones County.

---

### JASPER COUNTY --- 1.1 ENE MOSS [31.83, -89.18]

|                    |     |                              |
|--------------------|-----|------------------------------|
| 12/10/08 00:50 CST | 50K | Thunderstorm Wind (EG 74 kt) |
| 12/10/08 00:50 CST | 0   | Source: Emergency Manager    |

A mobile home sustained roof damage and some trees and a power lines were blown down.

---

### JASPER COUNTY --- 1.3 ESE MOSS [31.81, -89.18], 2.7 W HEIDELBERG [31.88, -89.05]

|                    |   |                         |
|--------------------|---|-------------------------|
| 12/10/08 00:57 CST | 0 | Hail (1.75 in)          |
| 12/10/08 01:17 CST | 0 | Source: County Official |

Penny to golf ball sized hail fell across the southern portion of Jasper County.

---

### JONES COUNTY --- 0.7 N WALTERS [31.64, -89.18], 1.1 NNE ELLISVILLE JCT [31.64, -89.17]

|                    |       |                                       |
|--------------------|-------|---------------------------------------|
| 12/10/08 01:08 CST | 0.25M | Tornado (EF1, L: 1.01 mi , W: 150 yd) |
| 12/10/08 01:09 CST | 2     | Source: NWS Storm Survey              |

Numerous hardwood and softwood trees were snapped and uprooted along the brief 1 mile path. Damage occurred to 1 home and an unoccupied building. The unoccupied building was the most heavily damaged with two broken windows and damage to the roof, eaves, and siding. Two outbuildings were also damaged. One power pole was snapped high off the ground. A highway sign was blown over and a business sign was also turned over. Some of the trees were blown onto Interstate 59. Two motorists were injured when their vehicles were hit by the trees. Maximum winds were around 95 mph.

---

### JONES COUNTY --- 2.3 NW (LUL)HESLER FLD LAUR [31.69, -89.20], 1.4 NE LAUREL [31.71, -89.11]

## Storm Data and Unusual Weather Phenomena - December 2008

| Location | Date/Time          | Deaths & Injuries | Property & Crop Dmg | Event Type and Details  |
|----------|--------------------|-------------------|---------------------|-------------------------|
|          | 12/10/08 01:08 CST |                   | 0                   | Hail (1.00 in)          |
|          | 12/10/08 01:15 CST |                   | 0                   | Source: Law Enforcement |

Quarter sized hail fell in Laurel.

---

### LAMAR COUNTY --- 1.4 SE WARDWELL STATION [31.31, -89.36], 1.5 ESE WARDWELL STATION [31.32, -89.35]

|                    |       |                                       |
|--------------------|-------|---------------------------------------|
| 12/10/08 01:13 CST | 0.70M | Tornado (EF1, L: 0.56 mi , W: 100 yd) |
| 12/10/08 01:14 CST | 0     | Source: NWS Storm Survey              |

Damage occurred to 7 apartment buildings. Most of the damage was to siding and to roofs. One apartment building had significant damage to the roof. Several hardwood and softwood trees were snapped, one of which fell onto an apartment building. Two cars were blown into each other and one had the windows broken. Three homes had minor shingle damage and the garage door of one home was damaged. The tornado tossed trees onto Interstate 59. Maximum winds were around 100 mph.

---

### FORREST COUNTY --- 1.0 W HATTIESBURG [31.32, -89.34]

|                    |     |                              |
|--------------------|-----|------------------------------|
| 12/10/08 01:15 CST | 60K | Thunderstorm Wind (EG 55 kt) |
| 12/10/08 01:15 CST | 0   | Source: Emergency Manager    |

Several trees were blown down in town. One tree was down on a house and another on a motorcycle.

---

### CLARKE COUNTY --- 1.8 NW PACHUTA [32.05, -88.90]

|                    |   |                              |
|--------------------|---|------------------------------|
| 12/10/08 01:21 CST | 0 | Thunderstorm Wind (EG 50 kt) |
| 12/10/08 01:21 CST | 0 | Source: County Official      |

A couple trees were down along Highway 18.

---

### JONES COUNTY --- 3.1 ENE SANDERSVILLE [31.79, -88.98]

|                    |   |                              |
|--------------------|---|------------------------------|
| 12/10/08 01:31 CST | 0 | Thunderstorm Wind (EG 50 kt) |
| 12/10/08 01:31 CST | 0 | Source: Public               |

A couple trees were blown down.

---

### CLARKE COUNTY --- 3.6 SW CARMICHAEL [31.91, -88.64]

|                    |   |                              |
|--------------------|---|------------------------------|
| 12/10/08 02:06 CST | 0 | Thunderstorm Wind (EG 50 kt) |
| 12/10/08 02:06 CST | 0 | Source: Public               |

A few trees were blown down.

A round of severe thunderstorms containing tornadoes, large hail and damaging winds, occurred Tuesday December 9th into Tuesday night across much of the Lower Mississippi River Valley. These storms developed along and ahead of a strong surface cold front and strong upper level disturbance. A surface low developed to our west and tracked eastward increasing the winds and drawing northward deep moisture and instability. The cold front steadily pushed east and clashed with the unstable and highly sheared environment and produced numerous severe thunderstorms as a squall line developed and tracked eastward across the region.

This event produced 16 tornadoes along with many reports of large hail, and wind damage. The majority of the severe weather occurred across central and southern Mississippi. Of the 16 tornadoes, 2 were rated EF2, 8 rated EF1, and 6 rated EF0.

Historically, these 16 tornadoes rank 2nd all time for the number of tornadoes in the month of December. The record is 19 which occurred during the December of 1988. Additionally, this December 9th event has pushed the yearly total of tornadoes in Mississippi to 109. This will set a new record for the number of tornadoes in a year for the state of Mississippi. The previous record of 99 was set in 2005.

---

### (MS-Z060) ADAMS

|                    |   |           |
|--------------------|---|-----------|
| 12/11/08 05:33 CST | 0 | Ice Storm |
| 12/11/08 08:15 CST | 0 |           |

---

### (MS-Z044) LEAKE, (MS-Z049) RANKIN, (MS-Z050) SCOTT, (MS-Z051) NEWTON, (MS-Z054) COPIAH, (MS-Z055) SIMPSON, (MS-Z056) SMITH, (MS-Z057) JASPER, (MS-Z061) FRANKLIN, (MS-Z062) LINCOLN, (MS-Z063) LAWRENCE, (MS-Z064) JEFFERSON DAVIS, (MS-Z065) COVINGTON, (MS-Z072) MARION, (MS-Z073) LAMAR

|                    |       |            |
|--------------------|-------|------------|
| 12/11/08 05:40 CST | 0.17M | Heavy Snow |
| 12/11/08 21:45 CST | 0     |            |

## Storm Data and Unusual Weather Phenomena - December 2008

| Location   | Date/Time          | Deaths & Injuries | Property & Crop Dmg | Event Type and Details       |
|--|--------------------|-------------------|---------------------|------------------------------|
| <b>(MS-Z066) JONES, (MS-Z074) FORREST</b>  |                    |                   |                     |                              |
|  | 12/11/08 05:57 CST |                   | 0                   | Winter Weather               |
|  | 12/11/08 20:50 CST |                   | 0                   |                              |
| <p>A rare early December heavy snow event unfolded across the south starting late on the 10th and really ramping up on the 11th. An upper level low deepened across the northern gulf and produced a swath of snow from southeast Texas, Louisiana, and into Mississippi. This was an unusual snow because temperatures ranged from 32 to 35 degrees where the snow fell. The upper low provided its own cold air and that was enough to allow rain to change to snow, especially where precipitation was heavy. Snowfall amounts ranged from a trace to 9 inches across our service area. The heaviest snow fell within an axis from McComb to Morton Mississippi. Areas that did receive more than 2 or 3 inches had trees and power lines down from the weight of the snow which resulted in many power outages. Roads were slick as well because of the fast accumulation and slushy conditions. Numerous accidents occurred from the hazardous road conditions.</p> |                    |                   |                     |                              |
| <b>(MS-Z019) SUNFLOWER, (MS-Z034) WASHINGTON, (MS-Z040) ISSAQUENA</b>  |                    |                   |                     |                              |
|  | 12/16/08 06:17 CST |                   | 0                   | Winter Weather               |
|  | 12/16/08 09:41 CST |                   | 0                   |                              |
| <p>An area of light freezing rain developed in a shallow cold airmass across the delta region of the ARKLAMISS. No significant amounts of icing was noted with this system.</p>  |                    |                   |                     |                              |
| <b>CARROLL COUNTY --- 0.6 E BLACK HAWK [33.33, -90.01]</b>   |                    |                   |                     |                              |
|  | 12/27/08 19:55 CST |                   | 0                   | Thunderstorm Wind (EG 50 kt) |
|  | 12/27/08 19:55 CST |                   | 0                   | Source: Law Enforcement      |
| <p>A couple trees were blown down along Highway 17.</p>  |                    |                   |                     |                              |
| <b>MONTGOMERY COUNTY --- 2.7 W SAWYER [33.52, -89.77]</b>  |                    |                   |                     |                              |
|  | 12/27/08 20:15 CST |                   | 0                   | Thunderstorm Wind (EG 50 kt) |
|  | 12/27/08 20:15 CST |                   | 0                   | Source: NWS Employee         |
| <p>A few trees were blown down along I-55.</p>   |                    |                   |                     |                              |
| <p>A line of thunderstorms moved across the region during the evening of the 27th. A few of the storms produced strong winds with a couple reaching severe limits.</p>   |                    |                   |                     |                              |